

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for printing, comprising:
receiving a print job; and
performing the print job, wherein performing the print job includes printing non-uniform resolutions per raster in a contiguous block of rasters, including:
printing a first pass of a first raster at a first horizontal resolution;
printing a second pass of the first raster at a second horizontal
resolution; and
printing a first pass of a second raster at the first horizontal
resolution.
2. (Canceled)
3. (Original) The method of claim 1, wherein printing non-uniform resolutions per raster in a contiguous block of rasters includes printing all rasters in the contiguous block of rasters during a first time period which is less than a second time period which would be used to print all rasters in the contiguous block at the same horizontal resolution setting.
4. (Original) The method of claim 1, wherein printing non-uniform resolutions per raster in a contiguous vertical block of rasters includes printing a non-integral average number of drops per pixel in the contiguous block of rasters.
5. (Currently Amended) A method for non-uniform resolution printing, comprising:
interpreting a print job instruction set; and

modifying the print job instruction set to print non-uniform resolutions per raster within a contiguous block of rasters, including:

printing a first pass of a first raster at a first horizontal resolution;
printing a second pass of the first raster at a second horizontal
resolution; and
printing a first pass of a second raster at the first horizontal
resolution.

6. (Canceled)

7. (Original) The method of claim 6, wherein modifying the print job instruction set to print non-uniform resolutions per raster further includes printing a third raster in a third pass at a third horizontal resolution and printing a fourth raster in a fourth pass at a fourth horizontal resolution.

8. (Original) The method of claim 7, wherein printing a third raster in the third pass at a third horizontal resolution and printing a fourth raster in the fourth pass at a fourth horizontal resolution includes printing with the third and the fourth horizontal resolutions which are different from the first and the second horizontal resolutions.

9. (Currently Amended) A computer readable medium having a set of executable instructions for causing a device to perform a method, comprising:
interpreting the type of information contained in a print job for a region of media; and

adjusting the print job to print non-uniform resolutions per raster within a contiguous block of rasters, including:

printing a first pass of a first raster at a first horizontal resolution;
printing a second pass of the first raster at a second horizontal
resolution; and

printing a first pass of a second raster at the first horizontal resolution
~~facilitate printing a number of rasters in a contiguous block of rasters in less time~~
~~than for printing the number of rasters using a single resolution for each raster pass.~~

10. (Original) The medium of claim 9, wherein interpreting the type of information contained in a print job for a region of media includes interpreting resolution data and print mode settings.

11. (Currently Amended) The medium of claim 9, wherein adjusting the print job includes printing a number of rasters in the contiguous block of rasters in less time than for printing the number of rasters using a single resolution for each raster pass ~~to facilitate printing a number of rasters includes printing a first raster at a first horizontal resolution and printing a second raster at a second horizontal resolution.~~

12. (Canceled)

13. (Currently Amended) An apparatus, comprising:
a controller;
a printhead coupled to the controller; and
a printhead driver operable to interface the instructions from the controller to the printhead, wherein the instructions include instructions to cause the printhead to print at non-uniform resolutions per raster in a contiguous block of rasters, including:
printing a first pass of a first raster at a first horizontal resolution;
printing a second pass of the first raster at a second horizontal
resolution; and
printing a first pass of a second raster at the first horizontal
resolution.

14. (Canceled)

15. (Canceled)

16. (Original) The apparatus of claim 13, wherein the instructions include instructions to print a non-integral average number of drops per pixel in the contiguous block of rasters.

17. (Currently Amended) A printing device, comprising:

a printhead; and

means for controlling the printhead to print non-uniform resolutions per raster in a contiguous block of rasters, including:

printing a first pass of a first raster at a first horizontal resolution;

printing a second pass of the first raster at a second horizontal resolution; and

printing a first pass of a second raster at the first horizontal resolution
~~such that the printhead prints two complete raster passes at different horizontal resolutions.~~

18. (Original) The device of claim 17, wherein the means includes a controller interfaced with printhead driver electronics to control the printhead.

19. (Canceled)

20. (Canceled)

21. (Currently Amended) A printing device, comprising:

a printhead driver;

a carriage motor driver;

a media motor driver;

a processor;

a printhead;

wherein the printhead driver, the carriage motor driver, the media motor driver, the processor, and the printhead are coupled via interface electronics for moving the printhead and media, and for firing individual nozzles of the printhead; and

wherein the printhead driver is operable to interface an instruction set from the processor to the printhead, wherein the instruction set includes instructions to cause the printhead to perform non-uniform resolutions per raster in a contiguous block of rasters, including:

printing a first pass of a first raster at a first horizontal resolution;

printing a second pass of the first raster at a second horizontal resolution; and

printing a first pass of a second raster at the first horizontal resolution.

22. (Currently Amended) An imaging system, comprising:
a remote device having an application operable to create a print job; and
a printing device operable to receive the print job from the remote device,
wherein the printing device include;
a controller;
a printhead coupled to the controller; and
a printhead driver operable to interface an instruction set from the controller to the printhead, wherein the instructions include instructions to cause the printhead to perform non-uniform resolutions per raster in a contiguous block of rasters, including:

printing a first pass of a first raster at a first horizontal resolution;

printing a second pass of the first raster at a second horizontal resolution; and

printing a first pass of a second raster at the first horizontal resolution.

23. (Original) The system of claim 22, wherein the instructions include instructions to cause the printhead to print a non-integral average number of drops per pixel in the contiguous block of rasters.